

§ 21.111

that established by the regulations incorporated by reference in the type certificate for the product.

(c) Unless otherwise required by § 21.19(a), an applicant for a change to a type certificate for a transport category airplane involving the replacement of reciprocating engines with the same number of turbopropeller powerplants must comply with the requirements of Part 25 of this chapter applicable to the airplane as type certificated with reciprocating engines, and with the following:

(1) The certification performance requirements prescribed in §§ 25.101 through 25.125 and 25.149, 25.1533, 25.1583, and 25.1587.

(2) The powerplant requirements of Part 25 of this chapter applicable to turbopropeller engine-powered airplanes.

(3) The requirements of Part 25 of this chapter for the standardization of cockpit controls and instruments, unless the Administrator finds that compliance with a particular detailed requirement would be impractical and would not contribute materially to standardization.

(4) Any other requirement of Part 25 of this chapter applicable to turbopropeller engine-powered airplanes that the Administrator finds to be related to the changes in engines and that are necessary to ensure a level of safety equal to that of the airplane certificated with reciprocating engines.

For each new limitation established with respect to weight, speed, or altitude that is significantly altered from those approved for the airplane with reciprocating engines, the applicant must show compliance with the requirements of Part 25 of this chapter applicable to the limitations being changed.

[Doc. No. 5085, 29 FR 14567, Oct. 24, 1964, as amended by Amdt. 21-16, 32 FR 13262, Sept. 20, 1967; Amdt. 21-19, 32 FR 17851, Dec. 13, 1967; Amdt. 21-27, 34 FR 18363, Nov. 18, 1969; Amdt. 21-42, 40 FR 1033, Jan. 6, 1975; Amdt. 21-58, 50 FR 46877, Nov. 13, 1985; Amdt. 21-68, 55 FR 32860, Aug. 10, 1990; Amdt. 21-69, 56 FR 41051, Aug. 16, 1991]

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Subpart E—Supplemental Type Certificates

SOURCE: Docket No. 5085, 29 FR 14568, Oct. 24, 1964, unless otherwise noted.

§ 21.111 Applicability.

This subpart prescribes procedural requirements for the issue of supplemental type certificates.

§ 21.113 Requirement of supplemental type certificate.

Any person who alters a product by introducing a major change in type design, not great enough to require a new application for a type certificate under § 21.19, shall apply to the Administrator for a supplemental type certificate, except that the holder of a type certificate for the product may apply for amendment of the original type certificate. The application must be made in a form and manner prescribed by the Administrator.

§ 21.115 Applicable requirements.

(a) Each applicant for a supplemental type certificate must show that the altered product meets applicable airworthiness requirements as specified in paragraphs (a) and (b) of § 21.101 and, in the case of an acoustical change described in § 21.93(b), show compliance with the applicable noise requirements of part 36 of this chapter and, in the case of an emissions change described in § 21.93(c), show compliance with the applicable fuel venting and exhaust emissions requirements of part 34 of this chapter.

(b) Each applicant for a supplemental type certificate must meet §§ 21.33 and 21.53 with respect to each change in the type design.

[Amdt. 21-17, 32 FR 14927, Oct. 28, 1967, as amended by Amdt. 21-42, 40 FR 1033, Jan. 6, 1975; Amdt. 21-52A, 45 FR 79009, Nov. 28, 1980; Amdt. 21-61, 53 FR 3540, Feb. 5, 1988; Amdt. 21-68, 55 FR 32860, Aug. 10, 1990; Amdt. 21-71, 57 FR 42854, Sept. 16, 1992]

§ 21.117 Issue of supplemental type certificates.

(a) An applicant is entitled to a supplemental type certificate if he meets the requirements of §§ 21.113 and 21.115.